

METHOD AND APPARATUS FOR JITTER MEASUREMENT USING PHASE
AND AMPLITUDE UNDERSAMPLING

ABSTRACT OF THE DISCLOSURE

5

An apparatus and method for measuring jitter using phase and amplitude undersampling. A sampling circuit samples an input signal to obtain amplitude and phase information, a computation circuit determines Time Interval Error (TIE) information from the amplitude and phase information, and a signal processor processes
10 the TIE information to generate a jitter spectrum.